



Stem Cell Research with Nikon

Nikon fully supports stem cell research with its microscope technology

Regenerative medicine

Cellular screening



ECLIPSE Ti

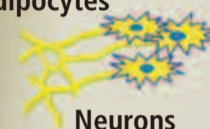
Detection of differentiation marker



Adipocytes



Red blood cells



Neurons

Differentiation



Endothelial cells



Smooth muscle cells



Cardiomyocytes

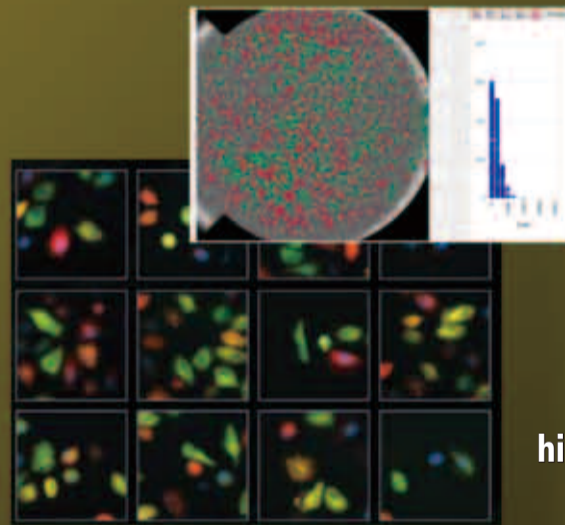
Quantitative Image Analysis Software CL-Quant
Imaging Software NIS-Elements

Information



Cell Culture Observation System BioStation CT

Culture and checking



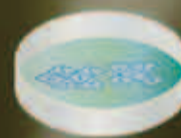
Cultivation of isolated hiPSC



hiPSC colony formation

SMZ series

Picking and manipulation



Reprogramming



Time Lapse Imaging System BioStation IMQ

Time lapse imaging



Somatic cells



ECLIPSE TS100

Checking

NIKON CORPORATION